

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU2004/000874

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: E04C 5/01, 5/02, E04B 5/38, 5/40, 5/36

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI IPC E04C 5/01, 5/02, E04B 5/38, 5/40, 5/36 and Keywords (shear, reinforcement, bar, rod, element) and like terms

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 1996/006994 A (BHP STEEL (RP) PTY LTD) 7 March 1996 Whole document	1 - 14
X	WO 1989/000223 A (SAFFERSON LIMITED) 12 January 1989 Whole document	1 - 14
X	DE 3522382 A (GAIL) 2 January 1987 Whole document	1 - 14
X	EP 0688613 A (FISCHER REINACH AG) 27 December 1995 Whole document	1 - 14

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 22 July 2004	Date of mailing of the international search report 27 JUL 2004
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929	Authorized officer  E.J. MARTYN Telephone No : (02) 6283 2332

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0184995 A (ASCHWANDEN) 18 June 1986 Whole document	1 - 14
X	Derwent Abstract Accession No. 2000-598858/57, Class Q43, JP 2000248678 A (FUJITA KK) 12 September 2000 abstract	1 - 14
X	WO 2001/053230 A (HYASI) 26 July 2001 abstract	1 - 14
X	EP 0501212 A (M.E.P. MACCHINE ELETTRONICHE PIEGATRICI S.p.A) 2 September 1992 Whole document	14
X	FR 2527949 A (ETABLISSEMENTS ERNEST PANTZ PARIS SA) 9 December 1983 Whole document	14

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	9606994	AU	33767/95	CN	1161070	HK	1003514
WO	8900223	AU	19876/88	EP	0365580		
DE	3522382						
EP	0688613	CH	688519				
EP	0184995						
JP	2000248678						
WO	0153230	AU	25536/01	US	2003110983		
EP	0501212	CA	2061221	JP	5069070	US	5228322
FR	2527949						
<p>Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.</p> <p>END OF ANNEX</p>							